



Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

EFS ID: 47054
Application ID: 10604922
Title of Invention: PFET-BASED ESD PROTECTION
STRATEGY FOR IMPROVED
EXTERNAL LATCH-UP
ROBUSTNESS
First Named Inventor: Kiran Chatty
Domestic/Foreign Application: Domestic Application
Filing Date: 2003-09-04
Effective Receipt Date: 2003-09-04
Submission Type: Information Disclosure
Statement
Filing Type:
Confirmation number: 1921
Attorney Docket Number: BUR920030045US1



Total Fees Authorized: 180.0
Payment Category: Deposit Account
Deposit Account Number: 90456
Deposit Account Name: Anthony J. Canale
Access Code: ****
RAM Payment Status: RAM success
RAM User ID: EFSPROD
RAM Accounting Date: 2003-09-04
RAM Sequence Number: 4

Digital Certificate Holder: cn=Anthony J. Canale,ou=Registered Attorneys,ou=Patent and
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US
Certificate Message Digest: e69db5e009957a83bd66cbfb65079a91b6933750

09/05/2003 EFSPROD 00000004 10604922

01 FC:1806 180.00 DA

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0



Title of
Invention

PFET-BASED ESD PROTECTION STRATEGY FOR
IMPROVED EXTERNAL LATCH-UP ROBUSTNESS

Application Number: 10/604922



Confirmation Number: 1921

First Named Applicant: Kiran Chatty

Attorney Docket Number: BUR920030045US1

Search string: (4669177 or 5543650 or 5733794 or 6153913
or 6228726 or 6476449 or 6493199 or
20030062539).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	4669177	1987-06-02	D'Arrigo et al.			
	2	5543650	1996-08-06	Au et al.			
	3	5733794	1998-03-31	Gilbert et al.			
	4	6153913	2000-11-28	Hsu et al.			
	5	6228726	2001-05-08	Liaw			
	6	6476449	2002-11-05	Lin			
	7	6493199	2002-12-10	Su et al.			

US Published Applications

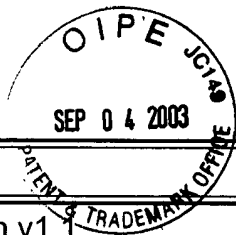
Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20030062539	2003-04-03	Chatterjee			


Signature

Examiner Name	Date



**TRANSMITTAL**

Electronic Version v1.1
Stylesheet Version v1.1.0

Title of Invention	PFET-BASED ESD PROTECTION STRATEGY FOR IMPROVED EXTERNAL LATCH-UP ROBUSTNESS															
<p>Application Number: 10/604922 </p> <p>Date: 2003-09-04</p> <p>First Named Applicant: Kiran V. Chatty</p> <p>Confirmation Number: 1921</p> <p>Attorney Docket Number: BUR920030045US1</p>																
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>																
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Anthony J. Canale Registered Number: 51,526</td><td>Anthony J. Canale /s/</td><td>Agent</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Anthony J. Canale Registered Number: 51,526	Anthony J. Canale /s/	Agent								
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Anthony J. Canale Registered Number: 51,526	Anthony J. Canale /s/	Agent														
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-fee-sheet</td><td>BUR920030045US1-usfees.xml</td></tr><tr><td></td><td>us-fee-sheet.xml</td></tr><tr><td></td><td>us-fee-sheet.dtd</td></tr><tr><td>us-ids</td><td>BUR920030045US1-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xml</td></tr></table>			Documents being submitted	Files	us-fee-sheet	BUR920030045US1-usfees.xml		us-fee-sheet.xml		us-fee-sheet.dtd	us-ids	BUR920030045US1-usidst.xml		us-ids.dtd		us-ids.xml
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us-ids	BUR920030045US1-usidst.xml															
	us-ids.dtd															
	us-ids.xml															
Comments																

Assignee: International Business Machines Corporation. Assignee Address: Armonk,
NY 10504.

**FEE TRANSMITTAL**

Electronic Version v08

Stylesheet Version v08.0

Title of Invention	PFET-BASED ESD PROTECTION STRATEGY FOR IMPROVED EXTERNAL LATCH-UP ROBUSTNESS										
Application Number: 10/604922 											
Date: 2003-09-04											
First Named Applicant: Kiran V. Chatty											
Attorney Docket Number: BUR920030045US1											
TOTAL FEE AUTHORIZED \$180											
Patent fees are subject to annual revisions on or about October 1st of each year.											
BASIC FILING FEE											
<table border="1"><thead><tr><th>Fee Description</th><th>Fee Code</th><th>Amount \$</th><th>Fee Paid \$</th></tr></thead><tbody><tr><td>Submission Of Information Disclosure Stmt Fee</td><td>1806</td><td>180</td><td>180</td></tr></tbody></table>				Fee Description	Fee Code	Amount \$	Fee Paid \$	Submission Of Information Disclosure Stmt Fee	1806	180	180
Fee Description	Fee Code	Amount \$	Fee Paid \$								
Submission Of Information Disclosure Stmt Fee	1806	180	180								
AUTHORIZED BILLING INFORMATION											
The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:											
Deposit account number: 090456											
Access Code ****											
Deposit name: International Business Machines Corporation											
Deposit authorized name: Anthony J. Canale											
Signature: Anthony J. Canale /s/											
Date (YYYYMMDD): 2003-09-04											
Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.											